

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 March 2005 (03.03.2005)

PCT

(10) International Publication Number
WO 2005/019823 A1

(51) International Patent Classification⁷: **G01N 33/543**,
33/53, 33/569, C12P 21/00

Bath Road, Slough Berkshire SL1 3WE (GB). GRIF-
FITHS, Meryn, Ruth [GB/GB]; Celltech R & D Limited,
208 Bath Road, Slough Berkshire SL1 3WE (GB).

(21) International Application Number:
PCT/GB2004/003491

(74) Agent: THOMPSON, John; Celltech R & D Limited, 208
Bath Road, Slough Berkshire SL1 3WE (GB).

(22) International Filing Date: 12 August 2004 (12.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0319587.2 20 August 2003 (20.08.2003) GB
0402642.3 6 February 2004 (06.02.2004) GB

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(71) Applicant (for all designated States except US): CELL-
TECH R & D LIMITED [GB/GB]; 208 Bath Road,
Slough Berkshire SL1 3WE (GB).

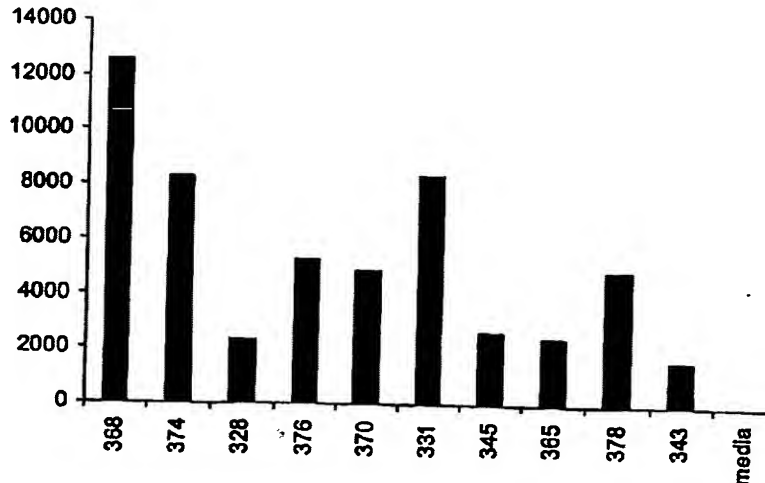
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

(72) Inventors; and

(75) Inventors/Applicants (for US only): LAWSON, Alastair,
David, Griffiths [GB/GB]; Celltech R & D Limited, 208

[Continued on next page]

(54) Title: METHODS FOR OBTAINING ANTIBODIES



(57) Abstract: The invention is directed towards a method of enriching a population of cells in those cells that produce an antibody which recognises an antigen of interest. In particular, an untagged antigen is used in conjunction with a polyclonal antibody to isolate cells recognizing said antigen.

WO 2005/019823 A1